

IN THE SPECIFICATION

Please substitute the following paragraphs of the Specification as follows.

The paragraph bridging pages 9 and 10:

The photocathode **20** comprises an electron-emitting material **24** composed of an activated alkali halide that emits electrons when excited with radiation, the activated alkali halide material having a minimum electron emission energy level that is lower higher than the minimum electron emission energy level of the un-activated material. The alkali metals, found in Group I of the periodic table (formerly known as group IA), are reactive metals that have only one electron in their outer shell, and can lose that one electron in ionic bonding with other elements. The alkali metals include lithium, sodium, potassium, rubidium, cesium and francium. The halogens of Group VII of the periodic table include chlorine, fluorine, bromine and iodine. The alkali halide material comprises at least one alkali metal and at least one halogen in a ratio that may be a stoichiometric or non-stoichiometric ratio.